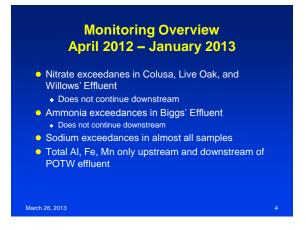
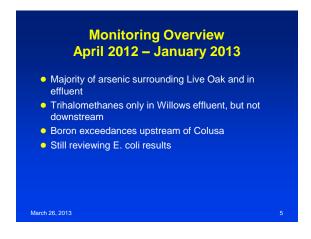
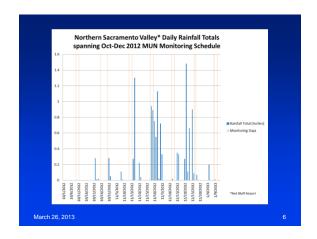


## Outline First year of monitoring Key observations of all data through Jan 2013 Storm Season/3<sup>rd</sup> Quarter Observations Summary Proposed Monitoring for Apr – Sept 2013







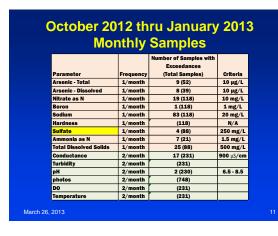




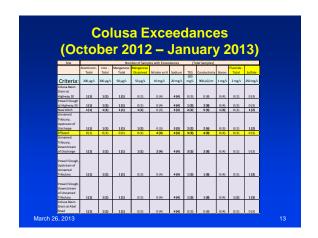






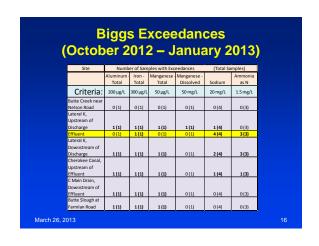


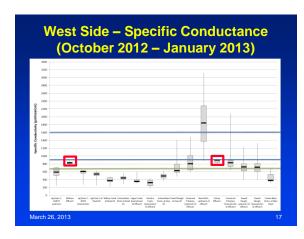
Octo	ber 2012	thru Janu	ıary 20	<i>J</i> 13
	Quarte	rly Sampl	es	
		Number of Samples with		
	Parameter	Exceedances (Total Samples)	Criteria	
	Antimony - Total	0 (30)	6 ug/L	
	Barium - Total	0 (30)	1 mg/L	
	Beryllium - Total	0 (30)	4 µg/L	
	Cadmium - Total	0 (30)	5 ug/L	
	Chromium - Total	0 (30)	50 µg/L	
	Copper - Total	0 (30)	1 mg/L	
	Lead - Total	0 (30)	15 ug/L	
	Mercury - Total	0 (30)	2 urf/L	
	Nickel - Total	0 (30)	100 µg/L	
	Selenium - Total	0 (30)	50 ug/L	
	Silver - Total	0 (30)	100 ug/L	
	Thallium - Total	0 (30)	2 µg/L	
	Zinc - Total	0 (30)	5 mg/L	
	Perchlorate	0 (30)	6 ug/L	
	Chloride	0 (88)	250 mg/L	
	Fluoride	1 (30)	2.0 mg/L	
	Aluminum - Total	23 (30)	200 μg/L	
	Aluminum - Dissolved	0 (30)	200 μg/L	
	Iron - Total	24 (30)	300 µg/L	
	Iron - Dissolved	1 (30)	300 ug/L	
	Manganese - Total	22 (30)	50 µg/L	
	Manganese - Dissolved	4 (30)	50 μg/L	
	Bromoform	0 (4)	4.3 µg/L	
	Chloroform	1(4)	5.7 µg/L	
	Bromodichloromethane	1(4)	0.56 µg/L	
arch 26, 2013	Dibromochloromethane	1(4)	0.41 ug/L	12

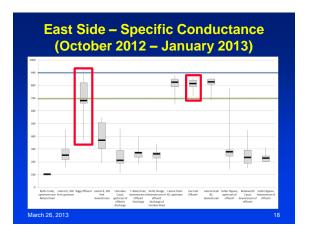


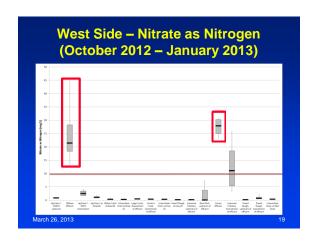


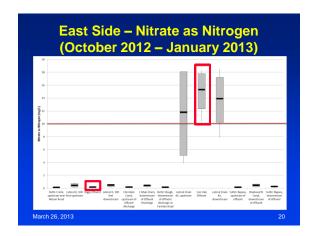












	Colusa			Willows		Live Oak			Biggs			
Parameter	Upstream	Effluent	Downstream									
Aluminum - Total	Х		Х	Х		X			Х	х		Х
Arsenic - Total							X	Х	X			
Arsenic - Dissolved							X	Х	Х			
Iron - Total	Х		Х	Х		X			X	х	х	Х
Iron - Dissolved						X						
Manganese - Total	X		Х			X	X		Х	х		Х
Manganese - Dissolved	Х		Х							Х		
Nitrate as Nitrogen		x	Х		х		X	х	Х			
Sodium	х	х	Х	х	х	X	X	х	х	х	х	Х
TDS	X	x	Х		х		X	Х	Х			
Conductivity	X	x	Х									
Boron	X											
Fluoride - Total			Х									
Sulfate	Х		Х									
Ammonia as Nitrogen											X	Х
Chloroform					х							
Bromodichloromethane					х							
Dibromochloromethane					x							



## Proposed Monitoring for Apr '13 – Sept '13 Continue field sampling twice per month (variability in conductivity) Continue existing constituents with following adjustments: Stop sampling Nitrate at Biggs sample sites. Stop sampling Boron at Biggs, Live Oak, Willows sample sites. Change Total Fluoride sampling to monthly for Colusa sample sites only. Resume Total and Dissolved Arsenic sampling for all sites.

